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OPTICAL TRANSMISSION ELECTRONIC CIRCUIT BOARD AND OPTICAL
TRANSMISSION
ELECTRONIC CIRCUIT BOARD DEVICE

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Conductors); R124 (CHEMISTRY -- Epoxy Resins)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an optical transmission electronic circuit
board device which is capable of directly giving transmission light from a
light emission board to light receiving boards.

SOLUTION: Optical transmission electronic circuit boards 21, 31, and 41 are
stacked up in layers, wherein photodetecting sections 22a are formed on a
transparent glass board 23 on the board 21, photodetecting sections 32a are
formed on a transparent glass board 33 so as not to overlap with the
photodetecting sections 22a, and photodetecting sections 42a are formed on

a transparent glass board 43 on the board 41 so as not to overlap with the photodetecting sections 22a and 32a. The non-photodetective parts of the transparent glass boards are made to serve as light transmission regions respectively, and light rays emitted from the light emission sections 2a of a light emitting device array 12 provided onto an optical transmission electronic circuit board 11 are made to reach to the corresponding photodetecting sections 22a, 32a, and 42a of the optical transmission electronic circuit boards 21, 31, and 41.